

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-2 (Cancelled)

3. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide encodes SEQ ID NO:1.
4. (Previously Presented) The method of claim 24, wherein the shaft region comprises amino acids 46-188 of SEQ ID NO:1.
5. (Previously Presented) The method of claim 24, wherein the knob region comprises amino acids 189-371 of SEQ ID NO:1.
6. (Previously Presented) The method of claim 24, wherein the tail region comprises amino acids 1-45 of SEQ ID NO:1.
7. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide comprises SEQ ID NO:12.
8. (Original) The method of claim 7, wherein the polynucleotide comprises nucleotides 1-564 of SEQ ID NO:12.
9. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide comprises nucleotides 1-135 of SEQ ID NO:12.
10. (Cancelled)
11. (Currently Amended) The method of claim 24 [[10]], wherein the polynucleotide comprises nucleotides 136-564 of SEQ ID NO:12.

12. (Previously Presented) The method of claim 24, wherein the tail region is an Ad5 tail region, the shaft region is an Ad30 shaft region comprising amino acids 46-188 of SEQ ID NO:1, and the knob region is an Ad30 knob region.
13. (Original) The method of claim 12, wherein the polynucleotide encoding the shaft region comprises nucleotides 136-564 of SEQ ID NO:12.

Claims 14-23 (Cancelled)

24. (Currently Amended) A method of transducing a cell lacking CAR comprising contacting the cell with an expression vector comprising an Ad backbone nucleic acid sequence and polynucleotide encoding a chimeric adenovirus (Ad) fiber polypeptide comprising at least one of the following: a tail region, a shaft region and a knob region, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide encodes SEQ ID NO:1, encodes amino acids 46-188 of SEQ ID NO:1, encodes amino acids 189-371 of SEQ ID NO:1, encodes amino acids 1-45 of SEQ ID NO:1, encodes SEQ ID NO:12, encodes nucleotides 1-564 of SEQ ID NO:12, encodes nucleotides 1-135 of SEQ ID NO:12, or encodes nucleotides 136-564 of SEQ ID NO:12.
25. (Previously Presented) The method of claim 24, wherein the expression vector further comprises a nucleotide sequence encoding a therapeutic agent.
26. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide is operably linked to a polynucleotide encoding an amino acid sequence for a therapeutic agent.
27. (Previously Presented) The method of claim 24, wherein the cell is a neuronal or epithelial cell.
28. (Previously Presented) The method of claim 27, wherein the cell is a human umbilical vein epithelial cell (HUVEC).

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29. (Previously Presented) The method of claim 24, wherein the cell is a tumor cell.
30. (Previously Presented) The method of claim 29, wherein the tumor cell is from prostate, brain, breast, lung, spleen, kidney, heart, or liver.
31. (Previously Presented) The method of claim 24, wherein the cell is a neuroprogenitor or stem cell.

Claim 32 (Cancelled)